PORTABLE COMPUTER ON WHICH A COMMUNICATION DEVICE CAN BE MOUNTED

CLAIM OF PRIORITY

This application makes reference to, incorporates the same herein, and claims all benefits accruing under 35 U.S.C. §119 from my application entitled PORTABLE COMPUTER ENABLING MOUNT OF PORTABLE RADIO PHONE filed with the Korean Industrial Property Office on Oct. 13, 1997 and there duly assigned Serial No. P97-52251 by that Office.

BACKGROUND OF THE INVETION

1. Technical Field

The present invention relates to a portable computer, on which a communication device can be mounted. More particularly, the invention relates to a portable computer which can be used while mounting a communication device on a part of the portable computer.

2. Related Art

Recently, with the rapid spread of the desktop computer, a portable computer while is easily transported has also become widespread. The portable computer can be in the form of a notebook computer or a hand held computer.

The portable computer is designed in such a size that the user can control it simply by hand, and particularly so that it can be conveniently carried from place to place, while performing the general function of a desktop computer.

There are many cases where users work both with a portable computer and with a communication device such as a wired or wireless phone and the like. In that case, if the communication device is not located in the same place as the portable computer, it is an inconvenience to the user. Therefore, there is a need in the art for a portable computer on which a communication device can be mounted.

SUMMARY OF THE INVENTION

Accordingly, in order to overcome such drawbacks in the art, it is an object of the present invention to provide a portable computer, on which a communication device can be mounted, so as to facilitate use of the portable computer and the communication device together with ease and at the same time.

To achieve these and other advantages and in accordance with the purpose of the present invention, as embodied and broadly described, there is provided a portable computer on which a communication device can be mounted. The portable computer comprises a main body, a battery on a part of the main body, and a mounting part for mounting a communication device on the part formed by the main body and the battery.

BRIEF DESCRIPTION OF THE ATTACHED DRAWINGS

A more complete appreciation of the invention, and many of the attendant advantages thereof, will be readily apparent as the same becomes better understood by reference to the following detailed description when considered in conjunction with the accompanying drawings in which like reference symbols represent the same or similar components, wherein:

FIG. **1** is an unassembled view of a portable computer and a communication device according to the present invention.

FIG. **2** is a perspective view of a portable computer and a communication device assembled according to the present invention.

FIG. **3** is a perspective view of a portable computer, as illustrated in FIG. **1**.

FIG. **4** and FIG. **5** are side views of a portable computer cover, as illustrated in FIG. **3**.

FIG. **6** is an unassembled view of a portable computer cover.

FIG. **7** and FIG. **8** are views which illustrate a process of mounting a communication device on a portable computer.

DETAILED DESCRIPTION OF PREFERRED EMBODIMENT

It will be apparent to those skilled in the art that various modifications can be made in the present invention without departing from the spirit of the invention. Thus, it is intended that the present invention cover such modifications as well as variations thereof, within the scope of the appended claims and their equivalents.

As illustrated in FIG. **1**, a portable computer on which a communication device can be mounted according to the present invention may use a main body **100** including a display **106**, a battery **103** mounted rotatably on one side of the main body **100**, and a communication device mounting-part **170** which can mount communication device **140** on the side formed by main body **100** and battery **103**.

More particularly, an embodiment may be constructed with a main body **100** which has a mounting hole **101** formed in the upper right side, a male connection part **104***a* and a hinge **104***b* on the left side, a connection part **105** on the lower side, an electromagnetic pen **110** which is inserted into mounting hole **101** formed in the upper right side of the case of the main body **100**, and a communication device **140**. The device **140** has a female connection part **141** which mates with a male connection part **104***a* formed in the lower left part of the main body **100**, and an extendable part **142** which fastens onto a hinge **104***b* formed in the upper left part of main body **100**.

In this arrangement, the communication device **140** is mounted and supported on communication device mounting part **170** formed on an opened side of main body **100** after rotating battery **103** to the left away from main body **100**.

A more complete appreciation of the invention will be obtained when considering the following accompanying drawings.

As illustrated in FIG. **2** and FIG. **3**, mounting hole **101** is formed in the upper right side of main body **100** case, and is formed in such a size as to match the external diameter of electromagnetic pen **110**. Pen **110** can be kept in hole **100** when not in use. In connection part **102** (FIG. **1**), formed in the upper left side of main body **100**, a space is formed in such a size as to match the external appearance of PCMCIA card **120**, so that PCMCIA card **120** can be inserted into the space in connection part **102**.

In the space in which PCMCIA card **120** is mounted, an electrical connector(not illustrated) is formed so that a signal transmitted from a PCMCIA card **120**, and a signal generated at the time that PCMCIA card **120** is mounted, can be transmitted to a signal arrangement circuit (not shown).

A hinge **131** (FIG. **1**) formed on a digital camera **130** is positioned in a hole **121** formed in PCMCIA card **120** after PCMCIA card **120** is mounted on main body **100**. When digital camera **130** is mounted, it can be rotated in the upper and lower, and left and right, directions centering around